

# 180kW DCFC TP-EVPD-180kW



**CHARGE TRONIX**  
www.chargetronix.com  
+(1)949-694-1644  
support@chargetronix.com



Product Number	TP5-180-480	HPC-180-480
Maximum Power	180kW	
Output Voltage	150-1000 VDC	
Max Output Current	Up to 200A	Up to 500A
Input Voltage    Frequency	480V (3P + N + PE)    60Hz	
Input Current    Breaker Rating	240A    300A	
Power Factor	>0.98	
Efficiency	>94% at nominal power output	
Connector Options	CCS1 and CCS1 CCS1 and CHAdeMO	CCS1; CCS1 and CCS1; CCS and CHAdeMO
CCS Cable	200A	500A Liquid Cooled
CHAdeMO Cable	125A (Standard) or 200A (Optional)	
Cycle Mode	1 x 180kW (Max: 200A)	1 x 180kW (Max: 450A)
Parallel Mode	2 x 90kW (Max: 200A)	2 x 90kW (Max:250A)
Charging Protocol Standards	Mode 4, IEC-61851, ISO-15118, DIN 70121    Mode 4, CHAdeMO 0.9, 1.0	
Connector Cable Length	CCS - 13ft (4m)    CHAdeMO - 16ft (5m), cable management included	
Weight	880 lbs. (400 kg)	950 lbs. (430 kg)
Dimension (L x D x H)	29.5" x 26.5" x 73"	41.38" x 37.4" 86.3"
Insulation (input — output)	>2.5 kV	
Ingress Protection	NEMA 3S, IK10	
Altitude	<6,600ft (2,000m)	
Operating Temperature	-30°C to 55°C (-22°F to 131°F)	
Working    Storage Humidity	≤ 95% RH    ≤ 99% RH (Non-condensing)	
Display	10" LCD touch screen	
Communication Protocol	OCPP 1.6J	
Access Control	RFID: ISO/IEC 14443A/B    Credit Card Optional	
Power Electronics Cooling	Air cooling fans	
Regulatory Compliance	UL-2202    EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012	
Communication	Ethernet, 4G/Wi-Fi	
Electrical Safety: GFCI	RCD 20 mA Type A	
Electrical Safety: Surge Protection	20 kA	
Electrical Safety: General	Over Voltage, Under Voltage, Over Current, Missing Ground	
Electrical Safety: Output Short	Output power disabled when output is short circuited	
Electrical Safety Temperature	Temperature Sensors @ Charge Coupler and Power Electronics	
Emergency Stop	Disables output power with emergency stop button	
Metering	DC kWh meter per each connector	